

REPORT TC14-01

THIESS COAL SYSTEM

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LAUNCESTON.

GEOLOGICAL LOG REPORT

ATP EL2080 TENEMENT 2080  
LAUNCESTON

| STRAT<br>NAME | SEQ<br>NO. | SEAM<br>NAME | WORK<br>SECT | SAMPLE<br>NUMBER | DEPTH<br>(m) | THICK<br>(m) | ROCK TYPE        | GEOLOGICAL DESCRIPTION OF STRATA  |
|---------------|------------|--------------|--------------|------------------|--------------|--------------|------------------|---|
|               |            |              |              | C2699            | 44.44        | 0.08         | LIGNEOUS CLAY    | Dark brown; firm; low plasticity (organic); good core - unbroken; gradational base; abundant woody fragments.                     |
|               |            |              |              | C2699            | 44.49        | 0.05         | INFERIOR LIGNITE | Clayey; medium to dark black - brown; firm; friable; good core - unbroken.  |
|               |            |              |              | C2670            | 44.51        | 0.02         | INFERIOR LIGNITE | Woody textured; dark brown - black; firm; friable; good core - unbroken; fissile.   |
|               |            |              |              | C2670            | 44.57        | 0.06         | LIGNITE          | Woody textured; clayey; dark brown; firm; friable; good core - unbroken; fissile.   |
|               |            |              |              | C2670            | 44.62        | 0.05         | INFERIOR LIGNITE | Clayey; dark brown; firm; friable; good core - unbroken; common woody fragments.  |
|               |            |              |              | C2670            | 44.77        | 0.15         | LIGNEOUS CLAY    | Medium to dark brown - grey; firm; high plasticity (organic); good core - unbroken.   |
|               |            |              |              | C2702            | 44.84        | 0.07         | INFERIOR LIGNITE | Clayey; dark black - brown; soft; friable; good core - unbroken; fissile.   |
|               |            |              |              | C2702            | 44.90        | 0.06         | INFERIOR LIGNITE | Clayey; dark brown; soft; friable; good core - unbroken; fissile.   |
|               |            |              |              | C2702            | 45.07        | 0.17         | INFERIOR LIGNITE | Woody textured; dark brown - black; firm; friable; good core - unbroken; fissile.   |
|               |            |              |              | C2702            | 45.19        | 0.12         | LIGNEOUS CLAY    | Dark brown; firm; low plasticity (organic); good core - unbroken; subfissile; common woody fragments.                             |
|               |            |              |              | C2702            | 45.22        | 0.03         | INFERIOR LIGNITE | Woody textured; dark brown; firm; friable; good core - unbroken.  |
|               |            |              |              | C2702            | 45.29        | 0.07         | CLAY             | Ligneous; dark brown; firm; high plasticity (clay); good core - unbroken; subfissile; gradational base; abundant woody fragments. |
|               |            |              |              | C2702            | 45.37        | 0.08         | INFERIOR LIGNITE | Clayey; woody textured; dark brown; firm; friable; good core - unbroken; fissile.   |
|               |            |              |              | C2702            | 45.42        | 0.05         | CLAY             | Ligneous; dark brown; firm; low plasticity (clay); good core - unbroken; subfissile.  |
|               |            |              |              | C2702            | 45.57        | 0.15         | INFERIOR LIGNITE | Clayey; dark brown; firm; friable; good core - unbroken; subfissile.  |

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